

**WHAT IS CLAIMED IS:**

1. An isolated nucleic acid encoding a polypeptide or a degenerate sequences thereof, wherein the polypeptide is the amino acid sequence of SEQ ID NO:1.

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2. An isolated nucleic acid encoding a polypeptide or a degenerate sequences thereof, wherein the polypeptide is the amino acid sequence of SEQ ID NO:2.

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3. An isolated nucleic acid encoding a polypeptide or a degenerate sequences thereof, wherein the polypeptide is the amino acid sequence of SEQ ID NO:3.

4. The isolated nucleic acid as claimed in claim 1, which is SEQ ID NO:4.

5. The isolated nucleic acid as claimed in claim 2, which is SEQ ID NO:5.

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6. The isolated nucleic acid as claimed in claim 3, which is SEQ ID NO:6.

7. An expression vector containing the nucleic acid sequences as claimed in claim 1.

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8. An expression vector containing the nucleic acid sequences as claimed in claim 2.

9. An expression vector containing the nucleic acid sequences as claimed in claim 3.

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10. A host cell containing the vector of claim 7.

11. A host cell containing the vector of claim 8.

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12. A host cell containing the vector of claim 9.

13. A method for producing a polypeptide that contains the amino acid sequence of SEQ ID NO:1, the method comprising the steps of:

- 5 (a) culturing the host cell of claim 10 under conditions suitable for the expression of the polypeptide; and  
(b) recovering the polypeptide from the host cell culture.

10 14. A method for producing a polypeptide that contains the amino acid sequence of SEQ ID NO:2, the method comprising the steps of:

- (a) culturing the host cell of claim 11 under conditions suitable for the expression of the polypeptide; and  
(b) recovering the polypeptide from the host cell culture.

15 15. A method for producing a polypeptide that contains the amino acid sequence of SEQ ID NO: 3, the method comprising the steps of:

- (a) culturing the host cell of claim 12 under conditions suitable for the expression of the polypeptide; and  
(b) recovering the polypeptide from the host cell culture.

20 16. A transgenic animal, which is introduced with a gene fragment containing the nucleic acid sequence of SEQ ID NO:4.

25 17. A transgenic animal, which is introduced with a gene fragment containing the nucleic acid sequence of SEQ ID NO:5.

18. A transgenic animal, which is introduced with a gene fragment containing the nucleic acid sequence of SEQ ID NO:6.